

Certificate of Analysis

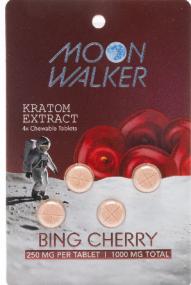
Sample Name: MOON WALKER KRATOM CHEWABLE TABLET 250MG BING CHERRY

Client: Moon Walker Bota LLC

Sample Code: DTS-251212-018

Matrix Name: Pill - Tablet

Type / Result: Quality Assurance - Pass



Received Date: Mon, Dec 15, 2025
Published Date: Thu, Dec 18, 2025
Batch/Lot Code: 027101005BC
Batch Size: 5.9kg
Sample Size: 590mg
Average Unit Weight: 0.590425g

RESULT SUMMARY

Mitragynine	107.81 mg /serv
Total Major Alkaloids	115.77 mg /serv

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

MOS
Moisture Content
Loss on Drying

7OHFL
7-Hydroxymitragynine
Florida

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Thursday, Dec 18, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Thursday, Dec 18, 2025

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Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686

Phone: 231.252.3669

Accreditation: ISO/IEC 17025:2017 - #108157



Kratom Alkaloids - High Level								
LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD								
ALKU-251212-018-01 - TUE, DEC 16, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	18.2589 %	182.5893 mg/g	107.81 mg	107.81 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.8037 %	8.0372 mg/g	4.75 mg	4.75 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.4227 %	4.2274 mg/g	2.50 mg	2.50 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.1228 %	1.2278 mg/g	0.72 mg	0.72 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids*	19.6082 %	196.0818 mg/g	115.77 mg	115.77 mg	N/A	N/A	N/A	N/A

*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogynine.

Kratom Alkaloids - Low Level								
LAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ								
ALKL-251212-018-01 - WED, DEC 17, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.02854 %	0.28536 mg/g	0.17 mg	0.17 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00026 %	0.00257 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids*	0.02879 %	0.28794 mg/g	0.17 mg	0.17 mg	N/A	N/A	N/A	N/A

*Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.

Moisture Content - Loss on Drying								
LAB-TM-008 - Loss on Drying								
MOS-251212-018-01 - THU, DEC 18, 2025								
Analyte	Value	Action Limit		LOD	LOQ		Status	
Moisture	4.60 %	N/A		N/A	N/A		N/A	

7-Hydroxymitragynine - Florida - Dry-Weight Basis								
7-Hydroxymitragynine - (Florida — Dry-Weight Basis)								
7OHFL-251212-018-01 - THU, DEC 18, 2025								
Analyte	Value	Action Limit		LOD	LOQ		Status	
7-Hydroxymitragynine - As Received*	285.40 ppm	N/A		N/A	N/A		N/A	
7-Hydroxymitragynine - Dry-Weight*	299.16 ppm	400 ppm		N/A	N/A		PASS	
Moisture (%) by Input*	4.60 %	N/A		N/A	N/A		N/A	

*7-Hydroxymitragynine – As Received: The “As Received” value represents the concentration of 7-hydroxymitragynine, expressed in parts per million (ppm), as reported in the Kratom Alkaloids – Low Level test. This corresponds to the measured percentage of 7-hydroxymitragynine in the sample as received.

*7-Hydroxymitragynine (Dry-Weight Basis): The dry weight concentration of 7-hydroxymitragynine is calculated using the following formula: Dry Weight 7-Hydroxymitragynine (ppm) = 7-Hydroxymitragynine (ppm) x (100 / (100 – Moisture by Input (%)))

*The Moisture (%) by Input result may represent either a client-provided input or a value measured by Cambium. This value is incorporated into associated calculated analytes for reporting purposes.

